

10/12/00

| ISSUE CLASSIFICATION |          |
|----------------------|----------|
| Class                | Subclass |
|                      |          |

PATENT NUMBER

## U.S. UTILITY Patent Application

|  |             |
|--|-------------|
| 12W<br>C.I.P.E.<br>SCANNED <i>Chc</i> Q.A. <i>LA</i> | PATENT DATE |
|--|-------------|

|                              |                   |              |                 |                  |                    |
|------------------------------|-------------------|--------------|-----------------|------------------|--------------------|
| APPLICATION NO.<br>09/689928 | CONT/PRIOR<br>D F | CLASS<br>349 | SUBCLASS<br>127 | ART UNIT<br>2871 | EXAMINER<br>Nguyen |
|------------------------------|-------------------|--------------|-----------------|------------------|--------------------|

## APPLICANTS

Arihiro Takeda  
Katsufumi Ohmuro  
Yoshio Koike  
Shingo Kataoka

Vertically-aligned (VA) liquid crystal display device

**TITLE**

PTO-2040  
12/99

| <b>ISSUING CLASSIFICATION</b>       |                 |  |                           |  |  |  |  |  |
|-------------------------------------|-----------------|--|---------------------------|--|--|--|--|--|
| <b>ORIGINAL</b>                     |                 |  | <b>CROSS REFERENCE(S)</b> |  |  |  |  |  |
| <b>CLASS</b>                        | <b>SUBCLASS</b> |  | <b>CLASS</b>              | <b>SUBCLASS (ONE SUBCLASS PER BLOCK)</b> |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
| <b>INTERNATIONAL CLASSIFICATION</b> |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |
|                                     |                 |  |                           |  |  |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|  |  |             |            |  |                      |
|--|--|-------------|------------|--|----------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>  | <b>DRAWINGS</b>                              |             |            | <b>CLAIMS ALLOWED</b>                                    |                      |
|  | Sheets Drwg.                                 | Figs. Drwg. | Print-Fig. | Total Claims   | Print Claim for U.G. |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____<br><br>_____<br><br>_____ | _____<br>(Assistant Examiner) (Date)         |             |            | <b>NOTICE OF ALLOWANCE MAILED</b>                        |                      |
|  | _____<br>(Primary Examiner) (Date)           |             |            | <b>ISSUE FEE</b><br><br>Amount Due _____ Date Paid _____ |                      |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.  | _____<br>(Legal Instruments Examiner) (Date) |             |            | <b>ISSUE BATCH NUMBER</b>                                |                      |

**WARNING:**

**WARNING:** The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)

**BEST AVAILABLE COPY**